Job: _____

Engineer: _____

Contractor: _____

Prepared By: _____ Date: _____

Model: _____ Indoor/Outdoor: _____ MBTUH Input: _____

Hi Delta® - Type P

Commercial Pool Heaters
Models 1802B-2342B

Sealed Combustion Chamber

100% Factory Fire Tested

Efficiency: 85%

Minimum Non-condensing Inlet Temperature: 105°F

Thermal Shock Proof Heat Exchanger

Limited Twenty-year Thermal Shock Warranty

Limited Five-year Heat Exchanger Warranty

Diagnostic Center with Fault History

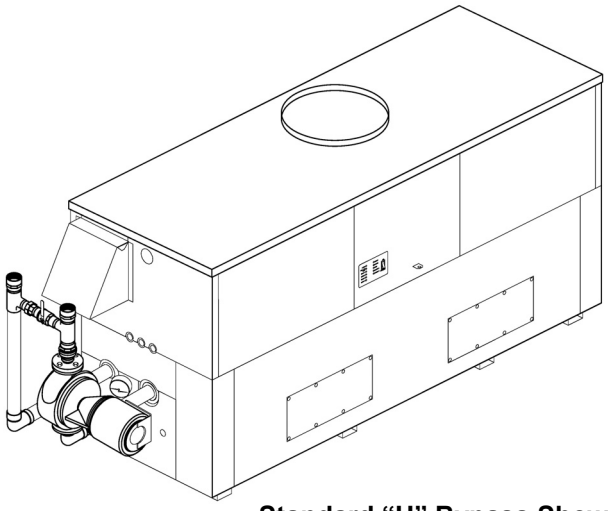
PolyTuf Powder Coated Cabinet

No Combustible Floor Shield Required

Fan-assisted

Non-ferrous Bypass

Patented Burner Security Blanket



Standard "H" Bypass Shown

Heat Exchanger
- Bronze Headers
- ASME Inspected and Stamped 160 PSIG Working Pressure
- National Board Approved
- Cupro Nickel Finned Tubing
- ASME Steel Tube Sheet
- Silicone High Temp O-Rings
- 125 PSIG ASME Pressure Relief Valve
- Temperature and Pressure Gauge
- Water Connections
  - ☐ Left – Standard
  - ☐ Right – Option A-6
- Bronze Pump, 120V, 60Hz
- Non-ferrous Pool Bypass

Controls
- 120V, 60Hz, 1∅ Power Supply
- 120/24V 60Hz Transformer
- 100% Shut-off/Lockout
- Hot Surface Ignition Systems (2)
- Remote Flame Sensors (2)
- High Limit Control, Auto Reset
- On/Off Power Switch
- Manual Shut-off, Front-mounted
- Flow Switch
- Blocked Vent Pressure Switch
- Combustion Air Proving Switches
- Economaster Pump Time Delay
- Poolstat

Gas Train
- Combination Valves
- On/Off Firing
- Low Gas Pressure Switch, Manual
- Fuel
  - ☐ Natural Gas
  - ☐ Propane Gas
- Design Certified ANSI Z21.56/ CSA 4.7

Burner
- Ultra-low NOx: Less than 30 PPM

Construction
- Indoor/Outdoor Construction
- Enclosed Front Controls

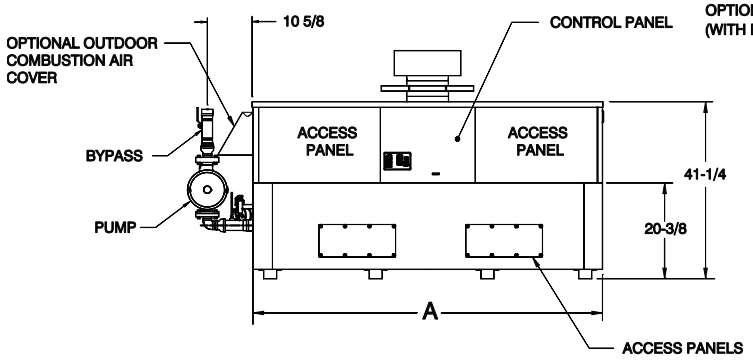
Venting
- Vent Location
  - ☐ Top – Standard
  - ☐ Rear – Option D-14
- Vent Termination Cap
  - ☐ Outdoor – Option D-11
  - ☐ Indoor, Horizontal – Option D-15
  - ☐ Indoor, Vertical (by others)
- Combustion Air
  - ☐ In-Line Filter Kit (TruSeal only) – Option D-17
  - ☐ Air Intake Elbow – Option D-16

Options
- ☐ C-6 Ignition Module, Manual Reset
- ☐ D-21 TruSeal™ Direct Vent
  - ☐ Right Side
  - ☐ Left Side (Model 1802B Only)
- ☐ F-10 Low Water Cut-off, Remote Probe
- ☐ P-__ Cold Water Run System (See Page 3)
- ☐ S-2 Dual High Gas Pressure Switches, Manual Reset
- ☐ X-1 SureRack Kit
- ☐ X-2 SureRack Kit Above Grade Add-on (used with X-1)
- ☐ Y-241 Temperature Controller, 1-4 Stages

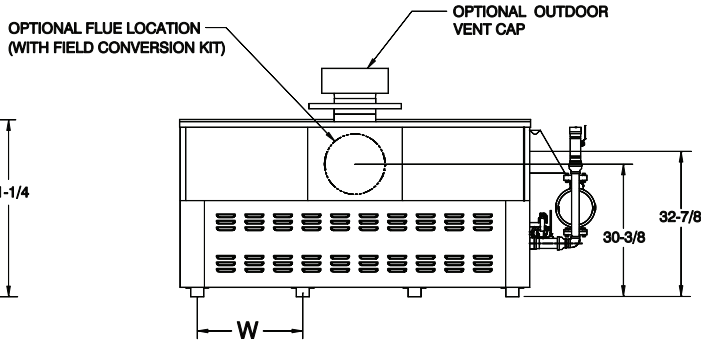
Regulatory Agency Requirements
- ☐ G-1 CSD-1

Hi Delta – Type P
Models 1802B-2342B

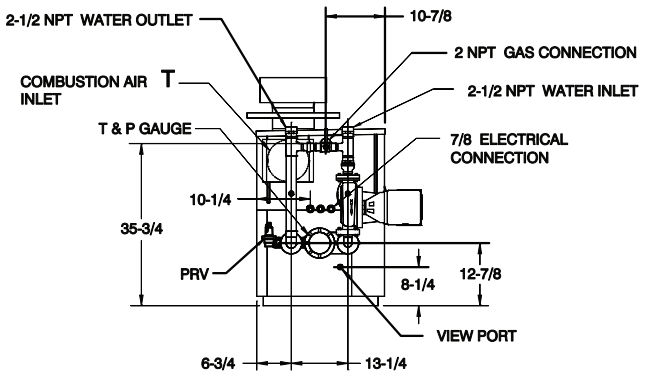
Model _____



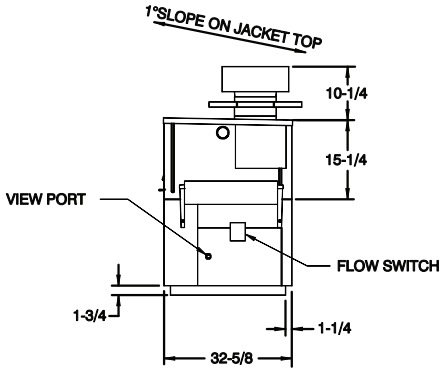
FRONT VIEW



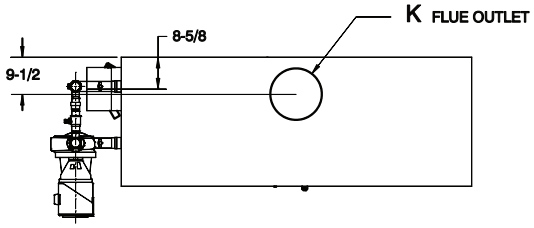
BACK VIEW



LEFT SIDE



RIGHT SIDE



TOP VIEW

Standard "H" Bypass

Model	Max. Flow		
	GPM	ΔP (ft)	ΔT
P 1802B	132	18.3	23
WHP 2002B	132	19.0	26
WHP 2072B	132	19.0	27
WHP 2342B	132	21.4	30

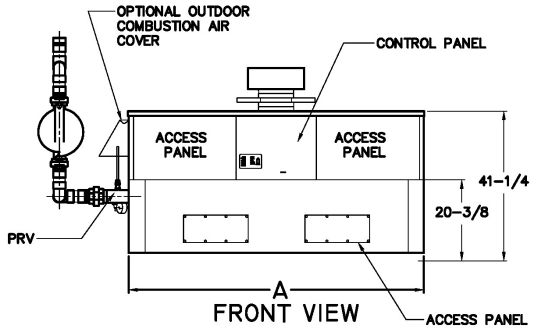
Model	MBTUH		A Width	K	T	W	Amp Draw		Pump HP	Shipping Weight (Lbs.)
	Input	Output					Heater	Pump		
P 1802B	1800	1530	91-1/8	14	10	28-1/8	<12	11	3/4	1350
WHP 2002B	1999	1699	102-1/2	14	10	31-15/16	<12	14**	1	1450
WHP 2072B	2070	1760	102-1/2	14	10	31-15/16	<12	14**	1	1450
WHP 2342B	2340	1989	113-7/8	16	10	35-11/16	<12	21**	1-1/2	1520

Dimensions are in inches.
Ratings shown are for elevations up to 4,500 feet and for natural or propane gas.
For installation at elevations over 4,500 feet, please contact manufacturer.

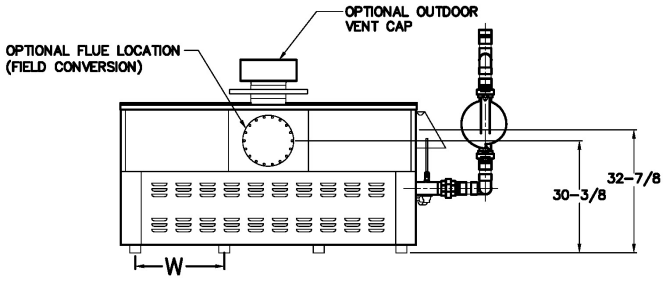
** Requires separate circuit breaker

Hi Delta – Type P
Models 1532B-2342B (Cold Water Run Option)

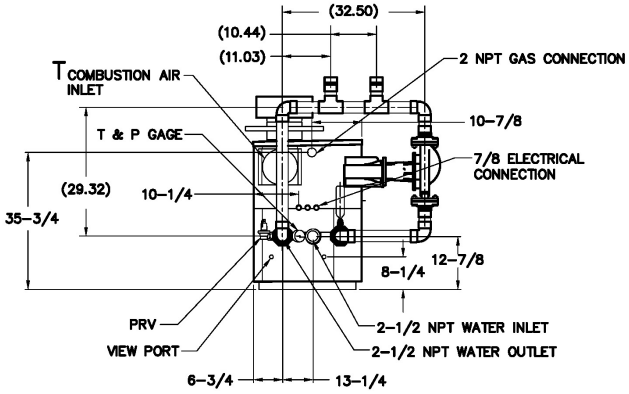
Model _____



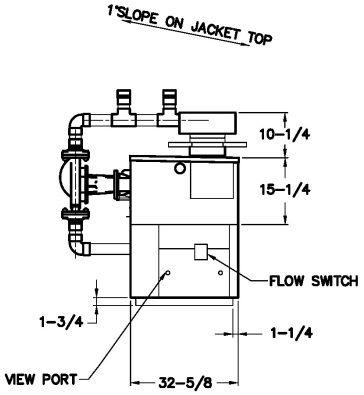
FRONT VIEW



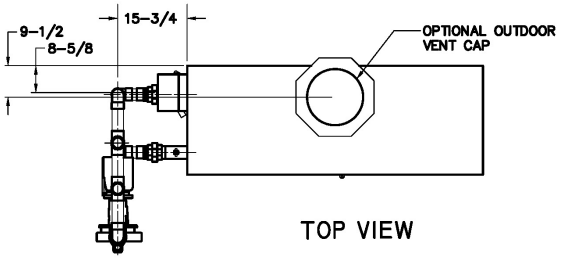
BACK VIEW



LEFT SIDE



RIGHT SIDE



TOP VIEW

Cold Water Run Option

Model	Max. Flow		
	GPM	ΔP (ft)	ΔT
P 1532B	132	16.5	20
P 1802B	132	18.3	23
WHP 2002B	132	19.0	26
WHP 2072B	132	19.0	27
WHP 2342B	132	21.4	30

Model	MBTUH		A Width	K	T	W	Amp Draw		Pump Hp	Injector Pump Hp	Shipping Weight (Lbs.)
	Input	Output					Heater	Pump			
P 1532B	1530	1301	79-7/8	12	10	24-3/8	<12	12	3/4	1/3	1225
P 1802B	1800	1530	91-1/8	14	10	28-1/8	<12	12	3/4	1/3 *	1460
WHP 2002B	1999	1699	102-1/2	14	10	31-15/16	<12	14	1**	3/4 *	1560
WHP 2072B	2070	1760	102-1/2	14	10	31-15/16	<12	14	1**	3/4 *	1560
WHP 2342B	2340	1989	113-7/8	16	10	35-11/16	<12	21	1-1/2**	3/4 *	1620

Dimensions are in inches.
Ratings shown are for elevations up to 4,500 feet and for natural or propane gas.
For installation at elevations over 4,500 feet, please contact manufacturer.

*Separate 120 VAC or 240 VAC 1Ø power required for Cold Water Run option
** Requires separate circuit breaker